

PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

Serial No.

99,225

09/727,069

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Applicant:

Chester A. Ruszczyk et al.

Filing Date:

November 30, 2000

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## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>A</i>	1	4,644,533	02-17-87	Braff et al.	370	94	05-06-85
<i>A</i>	2	4,881,263	11-14-89	Herbison et al.	380	21	09-25-87
<i>2</i>	3	5,014,234	05-07-91	Edwards, Jr.	364	900	08-25-86
<i>A</i>	4	5,138,712	08-11-92	Corbin	395	700	10-02-89
<i>A</i>	5	5,347,304	09-13-94	Moura et al.	348	12	07-28-93
<i>A</i>	6	5,442,749	08-15-95	Northcutt et al.	395	200.09	07-09-93
<i>A</i>	7	5,488,412	01-30-96	Majeti et al.	348	10	03-31-94
<i>A</i>	8	5,489,897	02-06-96	Inoue	340	870.39	04-13-93
<i>A</i>	9	5,583,931	12-10-96	Schneider et al.	379	399	07-14-95
<i>A</i>	10	5,586,121	12-17-96	Moura et al.	370	404	04-21-95
<i>A</i>	11	5,598,410	01-28-97	Stone	370	469	12-29-94
<i>A</i>	12	5,600,717	02-04-97	Schneider et al.	379	399	06-14-96
<i>A</i>	13	5,606,606	02-25-97	Schneider et al.	379	399	06-14-96
<i>A</i>	14	5,608,446	03-04-97	Carr et al.	348	6	05-09-95
<i>A</i>	15	5,623,542	04-22-97	Schneider et al.	379	399	06-14-96
<i>A</i>	16	5,623,601	04-22-97	Vu	395	187.01	11-21-94
<i>A</i>	17	5,636,211	06-03-97	Newlin	370	465	08-15-95
<i>A</i>	18	5,675,732	10-07-97	Majeti et al.	395	200.01	05-08-95

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<i>A</i>	19	5,710,885	01-20-98	Bondi	395	200.54	11-28-95
<i>e</i>	20	5,761,602	06-02-98	Wagner et al.	455	3.1	09-13-95
<i>o</i>	21	5,778,181	07-07-98	Hidary et al.	395	200.48	03-14-96
<i>A</i>	22	5,790,198	08-04-98	Roop, et al.	348	460	05-04-94
<i>o</i>	23	5,790,548	08-04-98	Sistanizadeh, et al.	370	401	04-18-96
<i>A</i>	24	5,790,677	08-04-98	Fox, et al.	380	24	06-29-95
<i>o</i>	25	5,790,806	08-04-98	Koperda	395	200.82	04-03-96
<i>A</i>	26	5,799,086	08-25-98	Sudia	380	23	02-19-97
<i>o</i>	27	5,805,804	09-08-98	Laursen, et al.	395	200.02	03-12-97
<i>e</i>	28	5,809,252	09-15-98	Beighe et al.	395	200.57	12-13-96
<i>o</i>	29	5,812,819	09-22-98	Rodwin et al.	395	500	06-05-95
<i>o</i>	30	5,818,845	10-06-98	Moura, et al.	370	449	01-18-96
<i>o</i>	31	5,819,028	10-06-98	Manghirmalani et al.	395	185.1	04-16-97
<i>o</i>	32	5,819,042	10-06-98	Hansen	395	200.52	02-20-96
<i>e</i>	33	5,828,655	10-27-98	Moura, et al.	370	236	08-21-96
<i>e</i>	34	5,835,720	11-10-98	Nelson et al.	395	200.54	05-17-96
<i>o</i>	35	5,835,727	11-10-98	Wong et al.	395	200.68	12-09-96
<i>o</i>	36	5,841,777	11-24-98	Cohen	370	433	08-30-96

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>D</i>	37	5,852,721	12-22-98	Dillon et al.	395	200.47	02-07-97
<i>D</i>	38	5,854,901	12-29-98	Cole, et al.	709	245	07-23-96
<i>C</i>	39	5,859,852	01-12-99	Moura, et al.	370	449	08-27-96
<i>C</i>	40	5,864,679	01-26-99	Kanai, et al.	709	238	05-21-97
<i>C</i>	41	5,870,134	02-09-99	Laubach, et al.	348	12	03-04-97
<i>C</i>	42	5,872,523	02-16-99	Dellaverson, et al.	340	825.52	03-12-96
<i>C</i>	43	5,884,024	03-16-99	Lim et al.	395	187.01	12-09-96
<i>C</i>	44	5,903,558	05-11-99	Jones et al.	370	351	06-28-96
<i>C</i>	45	5,913,037	06-15-99	Spofford et al.	395	200.56	07-03-96
<i>C</i>	46	5,922,049	07-13-99	Radia, et al.	709	220	12-09-96
<i>C</i>	47	5,922,051	07-13-99	Sidey	709	223	05-14-97
<i>C</i>	48	5,923,659	07-13-99	Curry, et al.	370	401	09-20-96
<i>C</i>	49	5,943,604	08-24-99	Chen et al.	455	5.1	10-31-97
<i>C</i>	50	5,954,797	09-21-99	Sidey	709	223	05-14-97
<i>C</i>	51	5,958,007	09-28-99	Lee et al.	709	219	05-13-97
<i>C</i>	52	5,974,453	10-26-99	Anderson et al.	709	220	10-08-97
<i>C</i>	53	5,996,076	11-30-99	Rowney et al.	713	201	02-19-97
<i>C</i>	54	6,003,077	12-14-99	Bawden et al.	709	223	09-15-97

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
				Craddock et al.	370	329	10-10-97
<i>D</i>	55	6,005,851	12-21-99	Colby et al.	709	226	03-30-98
<i>D</i>	56	6,006,264	12-21-99	Woundy	370	401	12-23-97
<i>D</i>	57	6,009,103	12-28-99	Li et al.	709	219	12-10-96
<i>D</i>	58	6,012,088	01-04-00	Blackshear et al.	703	229	10-06-97
<i>D</i>	59	6,013,107	01-11-00	Wu et al.	455	3.1	03-27-97
<i>D</i>	60	6,014,545	01-11-00	Fijolek et al.	709	218	02-24-98
<i>D</i>	61	6,018,767	01-25-00	Ramanathan et al.	370	241	04-15-97
<i>D</i>	62	6,041,041	03-21-00	Ramakrishnan	370	412	10-15-96
<i>D</i>	63	6,049,546	04-11-00	Beser	709	222	02-04-98
<i>D</i>	64	6,049,826	04-11-00	Willie et al.	709	223	09-02-97
<i>D</i>	65	6,052,724	04-18-00	Fijolek et al.	709	225	02-04-98
<i>D</i>	66	6,058,421	05-02-00	Beser	709	218	02-04-98
<i>D</i>	67	6,065,049	05-16-00	Wong et al.	713	201	12-09-96
<i>D</i>	68	6,070,242	05-30-00	Beser	713	201	02-04-98
<i>D</i>	69	6,070,246	05-30-00	Wong et al.	709	229	12-09-96
<i>D</i>	70	6,073,178	06-06-00	Bobeck et al.	370	395	05-08-97
<i>D</i>	71	6,075,787	06-13-00	Harrison et al.	370	235	11-25-97
<i>D</i>	72	6,091,709	07-18-00				

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<i>8</i>	73	6,094,431	07-25-00	Yamato et al.	370	395	11-29-96
<i>8</i>	74	6,130,880	10-10-00	Naudus et al.	370	235	03-20-98
<i>8</i>	75	6,157,965	12-05-00	Mohammed et al.	710	8	02-27-98
<i>8</i>	76	6,170,061	01-02-01	Beser	713	201	02-04-98
	77	6,185,624	02-06-01	Fijolek et al.	709	239	02-04-98

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

<i>8</i>	78	"Baseline Privacy Interface Specification (Interim) SP-BPI-I01-970922", MCNS Holdings, L.P., 1997, Pgs. ii to 65.
<i>8</i>	79	"Security System Specification (Interim Specification) SP-SSI-I01-970506", MCNS Holdings, L.P., 1997, Pgs. ii to 103.
<i>8</i>	80	"Cable Modem to Customer Premise Equipment Interface Specification (Interim) SP-CMCI-I02-980317", Multimedia Cable Network Systems (MCNS) Holdings, L.P., Cable Television Laboratories, Inc., 1998, Pgs. ii to 40.
<i>8</i>	81	"Operations Support System Interface Specification Baseline Privacy Interface MIB (Interim Specification) SP-OSSI-BPI-I01-980331", MCNS Holdings, L.P., 1997 and 1998, Pgs. ii to 33.

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82	"Cable Modem Termination System-Network Side Interface Specification (Interim Specification) SP-CMTS-NSII01-960702", MCNS Holdings, L.P., 1996, Pgs. ii to 13.
83	"Removable Security Module Interface Specification (Interim Specification) SP-RSMI-I01-980204", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 47.
84	"Operations Support System Interface Specification (Interim) SP-OSSII01-970403", MCNS Holdings, L.P., 1997, Pgs. 1 to 30.
85	"Radio Frequency Interface Specification (Interim Specification) SP-RFI-I02-971008", MCNS Holdings, L.P., 1997, Pgs. ii to 186.
86	"Cable Modem Telephony Return Interface Specification (Interim) SP-CMTRI-I01-970804", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 73.
87	"Internet Engineering Task Force", Request for Comments 2131, Dynamic Host Configuration Protocol (DHCP), March 1997, Pgs. 1 to 42.
88	Kyees, P.J. et al., ADSL: A New Twisted-Pair Access to the Information Highway, IEEE Communications Magazine, Vol. 33, Issue 4, April 1995, pp. 52-60.
89	Huang, Yin-Hwa et al., Design of an MPEG-Based Set-Top Box for Video on Demand Services, Acoustics, Speech, and Signal Processing, 1995, ICASSP-95., 1995 International Conference, Vol. 4, ISBN: 0-7803-2431-5, May 9-12, 1995, pp. 2655-2658.
90	"Internet Engineering Task Force", Request for Comments 768, User Datagram Protocol, August 1980, pgs. 1 to 3.
91	"Internet Engineering Task Force", Request for Comments 791, Internet Protocol, September 1981, pgs. i to 45.
92	"Internet Engineering Task Force", Request for Comments 792, Internet Control Message Protocol, September 1981, pgs. 1 to 21.
93	"Internet Engineering Task Force", Request for Comments 1157, A Simple Network Management Protocol (SNMP), May 1990, pgs. 1 to 36.
94	"Internet Engineering Task Force", Request for Comments 1350, The TFTP Protocol (Revision 2), July 1992, pgs. 1 to 11.

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95	S. Adiraju, J. Fijolek, IPCDN Telephony Return MIB, Internet Engineering Task Force, Internet Draft, "<draft-ietf-ipcdn-tri-mib-00.1.txt>," March 1998, Pgs. 1 to 26.
96	"A Solution for the Priority Queue Problem of Deadline-Ordered Service Disciplines," N.R. Figueira, IEEE International Conference on Computer Communications and Networks, September 22-25, 1997, pp.320-325.

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**SUPPLEMENTAL INFORMATION DISCLOSURE  
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<i>AN</i>	1	5,991,306	11-23-99	Burns et al.	370	429	08-26-96
<i>A</i>	2	6,031,841	02-29-00	Woundy	370	410	12-23-97
<i>N</i>	3	6,137,793	10-24-00	Gorman et al.	370	360	12-05-97
<i>NR</i>	4	5,610,910	03-11-97	Focsaneanu et al.	370	351	08-17-95
<i>N</i>	5	5,991,292	11-23-99	Focsaneanu et al.	370	352	03-06-97
<i>N</i>	6	5,828,666	10-27-98	Focsaneanu et al.	370	389	03-06-97
<i>NR</i>	7	4,996,685	02-26-91	Farese et al.	<del>370</del>	<del>58.1</del>	04-10-89
<i>NR</i>	8	5,301,273	04-05-94	Konishi	395	200	06-18-91
<i>N</i>	9	5,675,742	10-07-97	Jain et al.	395	200	06-26-95
<i>A</i>	10	5,724,510	03-03-98	Arndt et al.	395	200.5	09-06-96
<i>NR</i>	11	5,790,770	08-04-98	McClure et al.	395	200.61	07-18-96
<i>N</i>	12	5,793,747	08-11-98	Kline	370	230	03-14-96
<i>N</i>	13	5,909,549	06-01-99	Compliment et al.	709	223	11-12-96
<i>A</i>	14	5,915,119	06-22-99	Cone	395	750.02	10-01-96
<i>N</i>	15	5,982,748	11-09-99	Yin et al.	370	232	10-03-96
<i>NR</i>	16	6,049,825	04-11-00	Yamamoto	709	221	12-15-97
<i>N</i>	17	6,104,700	08-15-00	Haddock et al.	370	235	02-03-98
<i>N</i>	18	6,112,258	08-29-00	Miller et al.	710	19	03-19-98
<i>NR</i>	19	6,122,254	09-19-00	Aydemir et al.	370	235	11-25-97
<i>N</i>	20	6,130,879	10-10-00	Liu	370	230	09-22-97
<i>NR</i>	21	6,137,792	10-24-00	Jonas et al.	370	354	06-14-96
<i>N</i>	22	6,148,410	11-14-00	Baskey et al.	714	4	09-15-97



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<i>A</i>	23	6,189,102	02-13-01	Beser	713	201	05-27-98
<i>A</i>	24	6,223,222	04-24-01	Fijolek et al.	709	227	05-14-98
<i>A</i>	25	6,240,464	05-29-01	Fijolek et al.	709	250	02-04-98
<i>A</i>	26	6,260,072	07-10-01	Rodriguez-Moral	709	241	06-12-97
<i>A</i>	27	6,269,099	07-31-01	Borella et al.	370	389	07-01-98
<i>A</i>	28	6,275,853	08-14-01	Beser et al.	709	223	05-27-98
<i>A</i>	29	6,212,563	04-03-01	Beser	709	227	10-01-98
<i>A</i>	30	6,295,554	09-25-01	Karadogan	709	219	05-27-98
<i>A</i>	31	5,430,727	07-04-95	Callon	370	85.13	05-19-94
<i>A</i>	32	6,272,150	08-07-01	Hrastar	370	486	05-05-97
<i>A</i>	33	6,148,410	11-14-00	Baskey et al.	714	4	09-15-97
<i>A</i>	34	6,216,171	04-10-01	Isono et al.	709	250	02-11-98
<i>A</i>	35	6,208,656	03-27-01	Hrastar et al.	370	401	04-11-97
<i>A</i>	36	6,178,455	01-23-01	Schutte et al.	709	228	04-11-97
<i>A</i>	37	6,128,298	10-03-00	Wootton et al.	370	392	10-03-00
<i>A</i>	38	6,061,349	05-09-00	Coile et al.	370	389	05-02-97
<i>A</i>	39	5,999,536	12-07-99	Kawafuji et al.	370	401	11-24-97
<i>A</i>	40	5,987,524	11-16-99	Yoshida et al.	709	245	09-30-97
<i>A</i>	41	5,894,479	04-13-99	Mohammed	370	401	12-10-96
<i>A</i>	42	5,708,654	01-13-98	Arndt et al.	370	242	11-27-96
<i>A</i>	43	6,070,187	05-30-00	Subramaniam et al.	709	220	03-26-98

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>Dr</i>	1	6,331,987	12-18-01	Beser	370	486	05-27-98
<i>A</i>	2	6,337,858	01-08-02	Petty et al.	370	356	10-10-97

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

<i>A</i>	3	"Radio Frequency Interface Specification (Interim Specification) SP-RFI-I04-980724", MCNS Holdings, L.P., 1997, Pgs. ii to 196.					
EXAMINER <i>Ala Zm</i>				DATE CONSIDERED <i>6/18/04</i>			

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FORM PTO-1449  
(Rev. 2-32)U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

99,225

Serial No.

09/727,069

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE  
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Applicant:

Chester A. K... Technology Center 2100

Filing Date:

November 30, 2000

Group:

~~2188~~ 2662

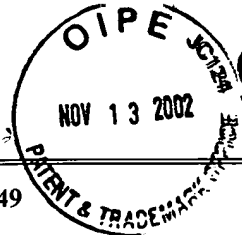
## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
Ar	1	6,046,979	04-04-00	Bauman	370	229	05-04-98
Ar	2	5,926,458	07-20-99	Yin	370	230	01-31-97
Ar	3	6,332,163	12-18-01	Bowman-Amuah	709	231	09-01-99

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

EXAMINER	<i>Ala Z...</i>	DATE CONSIDERED <i>6/18/04</i>

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<b>FORM PTO-1449</b> (Rev. 2-32)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Atty. Docket No.</b> 99,225	<b>Serial No.</b> 09/727,069
		<b>Applicant:</b> Chester A. Ruszczyk et al.	
		<b>Filing Date:</b> November 30, 2000	<b>Group:</b> 2188-2662

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>Ac</i>	1.	5,815,664	09-29-98	Asano	395	200.57	03-19-96
<i>P</i>	2.	6,032,019	02-29-00	Chen et al.	455	5.1	01-20-99
<i>P</i>	3.	6,442,158	08-27-02	Beser	370	352	05-27-98

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

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FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.	Serial No.
<b>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		99,225	09/727,069
		<b>Applicant:</b> Chester A. Ruszczyk et al.	
		<b>Filing Date:</b> November 30, 2000	<b>Group:</b> 2188 2662

## U.S. PATENT

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
A	1.	6,510,162	01-21-03	Fijolek et al.	370	432	05-27-98
A	2.	5,929,850	07-27-99	Broadwin et al.	345	327	07-01-96
A	3.	5,528,595	06-18-96	Walsh et al.	370	85.13	11-14-95

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A	4.	Droms, R., <i>Dynamic Host Configuration Protocol</i> , Request for Comments 1541, October 1993, Pages 1 to 31.
A	5.	RFC 791, <i>Internet Protocol</i> , <i>DARPA Internet Program Protocol Specification</i> , September 1981, Pgs. 1-37.
A	6.	Postel, J., <i>Internet Protocol</i> , <i>DARPA Internet Program Protocol Specification</i> , RFC 792, September 1981, Pgs. 1-14.
A	7.	Postel, J., <i>User Datagram Protocol</i> , RFC 768, August 28, 1980, Pgs. 1-3.
A	8.	RFC 793, <i>Transmission Control Protocol</i> , <i>DARPA Internet Program Protocol Specification</i> , September 1981, Pgs. 1-68.
A	9.	Case, J. et al., <i>A Simple Network Management Protocol (SNMP)</i> , RFC 1157, May 1990, Pgs. 1-26.
A	10.	Sollins, K., <i>The TFTP Protocol (Revision 2)</i> , RFC 1350, July 1992, Pgs. 1-9.
A	11.	Alexander, S., <i>DHCP Options and BOOTP Vendor Extensions</i> , RFC 2132, March 1997, Pgs. 1-37.
A	12.	"Radio Frequency Interface Specification (Interim Specification) SP-RF1v1.1-103-991105", MCNS Holdings, L.P., 1999, Pgs. li to 366.
EXAMINER		DATE CONSIDERED
A. Z...		6/18/04

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SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		99,225	09/727,069
		Applicant: Chester A. Ruszczyk et al.	
		Filing Date: November 30, 2000	Group: <del>2188</del> 2662

## U.S. PATENT

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
A	1.	5,960,177	09-28-99	Tanno	395	200.59	03-12-96
AN	2.	5,941,988	08-24-99	Bhagwat et al.	713	201	01-27-97
A	3.	6,289,377	09-11-01	Lalwaney et al.	709	222	10-27-98

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U.S. Department of Commerce  
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Atty. Docket No.

99,225

Serial No.

09/727,069

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**Applicant:**

Chester A. Ruszczyk et al.

**Filing Date:**

November 30, 2000

**Group:**

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AW	1.	5,784,597	07-21-98	Chiu et al.	395	552	09-22-95
A	2.	6,243,369	06-05-01	Grimwood et al.	370	335	05-06-98
A	3.	6,453,472	09-17-02	Leano et al.	725	111	06-02-99
A	4.	6,490,727	12-03-02	Nazarathy et al.	725	129	10-07-99
A	5.	6,449,291	09-10-02	Burns et al.	370	516	11-24-98
A	6.	6,393,478	05-21-02	Bahlmann	709	224	02-22-99
A	7.	6,064,372	05-16-00	Kahkoska	345	173	11-27-96

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Examiner Initial		Publication Number	Pub. Date	Name	Class	Subclass	Filing Date if Appropriate
AW	8.	US 2003/0028891 A1	02-06-03	Hardt et al.	725	107	08-03-01
A	9.	US 2002/0136165 A1	09-26-02	Ady et al.	370	241	03-23-01
A	10.	US 2002/0122050 A1	09-05-02	Sandberg	345	705	12-30-00

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		Document Number	Date	Country	Class	Subclass	Translation
A	11.	WO 00/67385	11-09-00	PCT			
EXAMINER <i>Ala Zs</i>				DATE CONSIDERED 6/18/04			

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